

## Conservation Effects

**Land use:** Hay

**Guidance Document ID#:** H3

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**Resource Setting:** Hay NOT adjacent to surface water. Manure applied

### **RMS Alternative #1**

Diversion (362)

Grade Stabilization Structure (410)

Nutrient Management (590)

Pasture and Hayland Planting (512)

Pest Management (595)

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
<b>SOIL Erosion</b>		
1) Sheet & rill erosion	Pasture and Hayland Planting (512)	soil loss less than “T”
2) Wind erosion	Pasture and Hayland Planting (512)	soil loss less than “T”
3) Ephemeral gully/concentrated flow erosion	Diversion (362) Pasture and Hayland Planting (512)	gullies stabilized
4) Classic gully/concentrated flow erosion	Diversion (362) Grade Stabilization Structure (410)	gullies stabilized
<b>WATER Quality – ground water</b>		
1) Pesticides	Pest Management (595)	pesticide movement minimized
2) Nutrients	Nutrient Management (590)	nutrient movement minimized
<b>WATER Quality – surface water – no concern</b>		
<b>WATER Quantity – no concern</b>		
<b>AIR</b>		
1) Airborne Chemical Drift	Pest Management (595)	Application in compliance with laws and consistent with Drift Management Plan.
2) Airborne Odors		No complaints.
<b>PLANTS</b>		
1) Invasive species and noxious weeds	Pest Management (595)	Invasive species and noxious weeds controlled.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

\* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
<b>ANIMAL Habitat</b>		
1) Wildlife Habitat secondary purpose	Pasture & Hayland Planting (512)	Seeding mixture provides a Herbaceous Cover Habitat Index of 0.35 or more.
<b>ANIMAL Management</b>		
1) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

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